

031504
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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
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U.S. PTO
10/800768
17354U.S. PTO
031504

Utility Patent Application Transmittal

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

CNTR.2070

First Inventor

G. Glenn Henry
Thomas A. Crispin
Timothy A. Elliott
Arturo Martin-de-Nicolas
Terry Parks

Title

MICROPROCESSOR APPARATUS AND
METHOD FOR OPTIMIZING BLOCK CIPHER
CRYPTOGRAPHIC FUNCTIONS

Express Mail Label

E0001.562 76745 375104

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents
Box Patent Application
Alexandria, VA 22313

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages **76**]
(preferred Arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Reference to sequence listing, a table or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Pages **10**]

5. Oath or Declaration [Total Pages **2**]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63 (d))
(for continuational divisional with Box 18 completed)

- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
Named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

7. CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73 (b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statements (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Documents(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary Amendment, or in an Application Data Sheet under 37 CFR 1.76

Continuation Divisional Continuation-in-part (CIP)

Prior application information: Examiner.....

of prior application No:

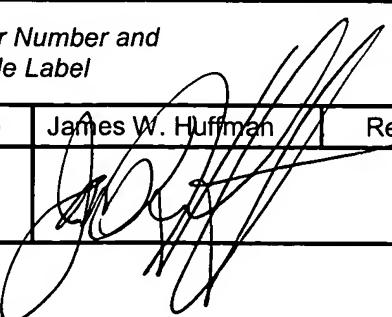
Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon in which a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number and
Bar Code Label

23669

Name (Print Type)	James W. Huffman	Registration No. (Attorney/Agent)	35,549
Signature		Date	3-9-04

031504
16711 U.S.P.T.O.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT **\$932.00**

<i>Application Number</i>	NA
<i>Filing Date</i>	Herewith
<i>First Named Inventor</i>	G. Glenn Henry Thomas A. Crispin Timothy A. Elliott Arturo Martin-de-Nicolas Terry Parks
<i>Examiner Name</i>	
<i>Group Art Unit</i>	
<i>Attorney Docket Number</i>	CNTR.2070

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
NumberDeposit
Account
Name

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit Card Money Other Order

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1001	740	2001	370	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	510	2003	255	Plant filing fee	
1004	740	2004	370	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)				\$ 770.00	

EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Claims	Extra Claims	Fee from below	Fee Paid
29	-20		9	x	18 = 162
3	-3		0	x	86 = 0
					= 0

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, If not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$ 162.00)

**or number previously paid, if grater; For Reissue, see above

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	James W. Huffman	Registration No. Attorney/Agent)	35,549	Telephone	(719) 475-7103
Signature				Date	3-9-01